

### ABSTRACT

Featured are methods for writing file systems write data operations to storage medium as well as system and program embodying such a methodology. According to one aspect, the method includes storing a file systems write data operation to a first temporary data store and mirroring the file systems write data operation in a second temporary data store. The method further includes deleting the mirrored file systems write data operation from the second temporary data store if it is successfully written from the first temporary data store to the storage medium and writing the mirrored file systems write data operation from the second temporary data store to the storage medium if it is not successfully written from the first temporary data store. In another aspect, the method includes storing the file systems write data operation in the first temporary data store of one server and mirroring it in the second temporary data store of another server. The method further includes monitoring the operational status of each server and writing the mirrored file systems write data operation from the second temporary data store of the other server to the storage medium when it is determined that one of the servers is not operational.